

Title (en)
METHOD AND APPARATUS FOR ON-DEMAND POWER MANAGEMENT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR STROMVERWALTUNG AUF BEDARF

Title (fr)
PROCEDE ET DISPOSITIF DE GESTION DE PUISSANCE A LA DEMANDE

Publication
EP 1836544 A4 20100505 (EN)

Application
EP 05826483 A 20051205

Priority
• US 2005044052 W 20051205
• US 1980404 A 20041221

Abstract (en)
[origin: US2006136770A1] A method for on-demand power management monitors a processing demand in a processing system operating at a first set of voltages and frequencies and generates a second set of voltages and frequencies in response to the processing demand. The method switches from the first set of voltages and frequencies to the second set of voltages and frequencies without halting the processing system.

IPC 8 full level
G06F 1/32 (2006.01); **G06F 1/08** (2006.01)

CPC (source: EP KR US)
G06F 1/04 (2013.01 - KR); **G06F 1/08** (2013.01 - EP US); **G06F 1/26** (2013.01 - KR); **G06F 1/32** (2013.01 - KR); **G06F 1/3203** (2013.01 - EP US); **G06F 1/324** (2013.01 - EP US); **G06F 1/329** (2013.01 - EP US); **G06F 1/3296** (2013.01 - EP US); **Y02D 10/00** (2017.12 - EP US)

Citation (search report)
• [XAI] US 6515530 B1 20030204 - BOERSTLER DAVID W [US], et al
• [XP] EP 1544717 A2 20050622 - VIA TECH INC [TW]
• [IA] WO 0217052 A2 20020228 - INTEL CORP [US], et al
• [A] US 6806755 B1 20041019 - SIMMONDS ALAN CHRISTOPHER [US]
• [A] US 5774701 A 19980630 - MATSUI SHIGEZUMI [JP], et al
• [A] US 2003071657 A1 20030417 - SOERENSEN JOERN [DK], et al
• [A] US 2003065960 A1 20030403 - RUSU STEFAN [US], et al
• See references of WO 2006068816A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2006136770 A1 20060622; **US 7337335 B2 20080226**; EP 1836544 A2 20070926; EP 1836544 A4 20100505; EP 1836544 B1 20130220; JP 2008524744 A 20080710; KR 101419789 B1 20140715; KR 20070105316 A 20071030; US 2008133943 A1 20080605; US 2008133944 A1 20080605; US 2010199114 A1 20100805; US 7657764 B2 20100202; US 7730334 B2 20100601; WO 2006068816 A2 20060629; WO 2006068816 A3 20070705

DOCDB simple family (application)
US 1980404 A 20041221; EP 05826483 A 20051205; JP 2007548252 A 20051205; KR 20077016753 A 20051205; US 2005044052 W 20051205; US 459307 A 20071220; US 470707 A 20071220; US 76013010 A 20100414